Fig.1

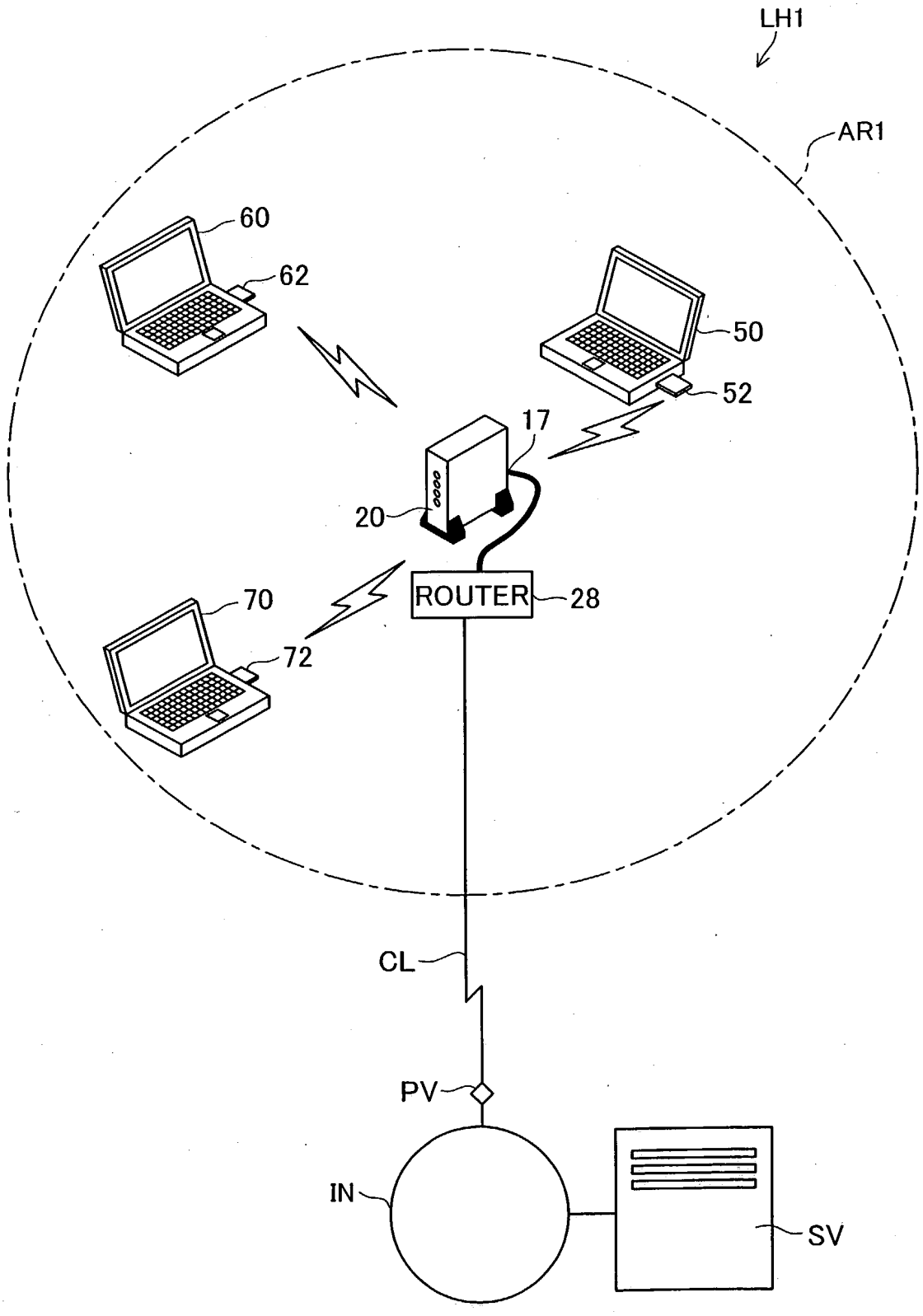


Fig.2

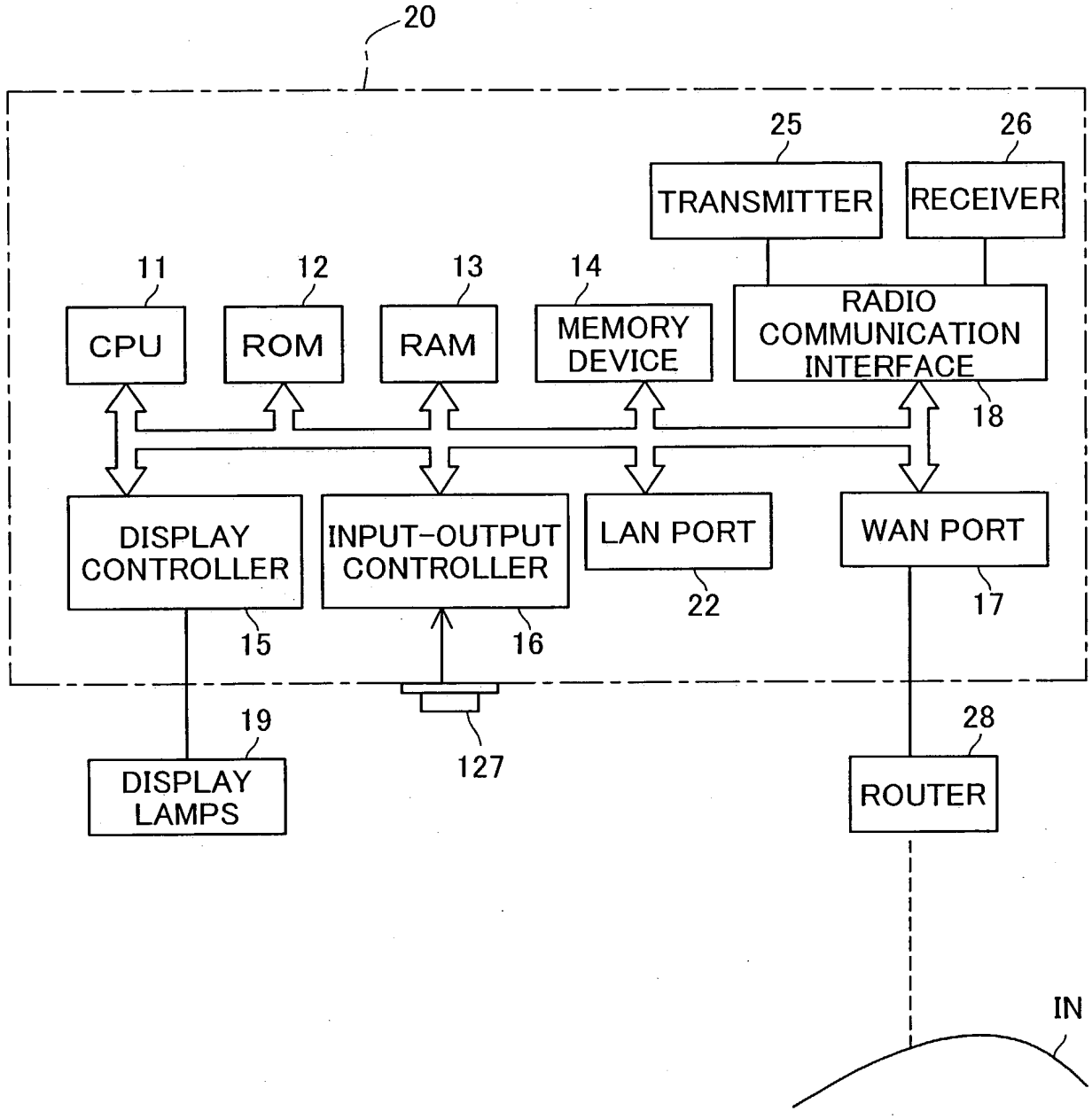

20
25
26
TRANSMITTER
RECEIVER
11
12
13
14
CPU
ROM
RAM
MEMORY DEVICE
RADIO COMMUNICATION INTERFACE
18
DISPLAY CONTROLLER
INPUT-OUTPUT CONTROLLER
LAN PORT
WAN PORT
22
17
15
16
19
127
28
DISPLAY LAMPS
ROUTER
IN

Fig.3

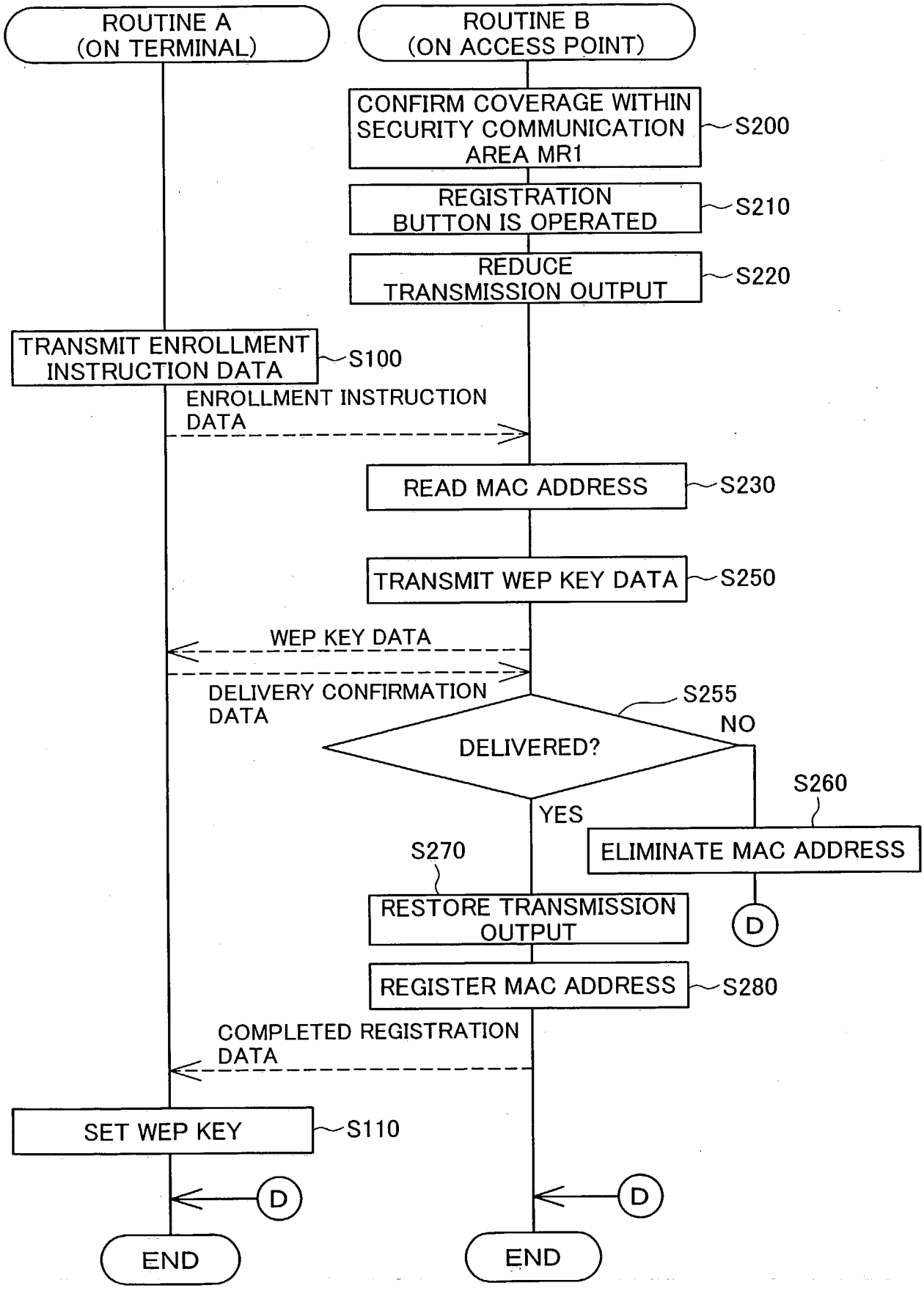

ROUTINE A
(ON TERMINAL)
ROUTINE B
(ON ACCESS POINT)
CONFIRM COVERAGE WITHIN SECURITY COMMUNICATION AREA MR1
S200
REGISTRATION BUTTON IS OPERATED
S210
REDUCE TRANSMISSION OUTPUT
S220
TRANSMIT ENROLLMENT INSTRUCTION DATA
S100
ENROLLMENT INSTRUCTION DATA
READ MAC ADDRESS
S230
TRANSMIT WEP KEY DATA
S250
WEP KEY DATA
DELIVERY CONFIRMATION DATA
S255
DELIVERED?
NO
YES
S260
ELIMINATE MAC ADDRESS
S270
RESTORE TRANSMISSION OUTPUT
D
REGISTER MAC ADDRESS
S280
COMPLETED REGISTRATION DATA
SET WEP KEY
S110
D
D
END
END

Fig.4

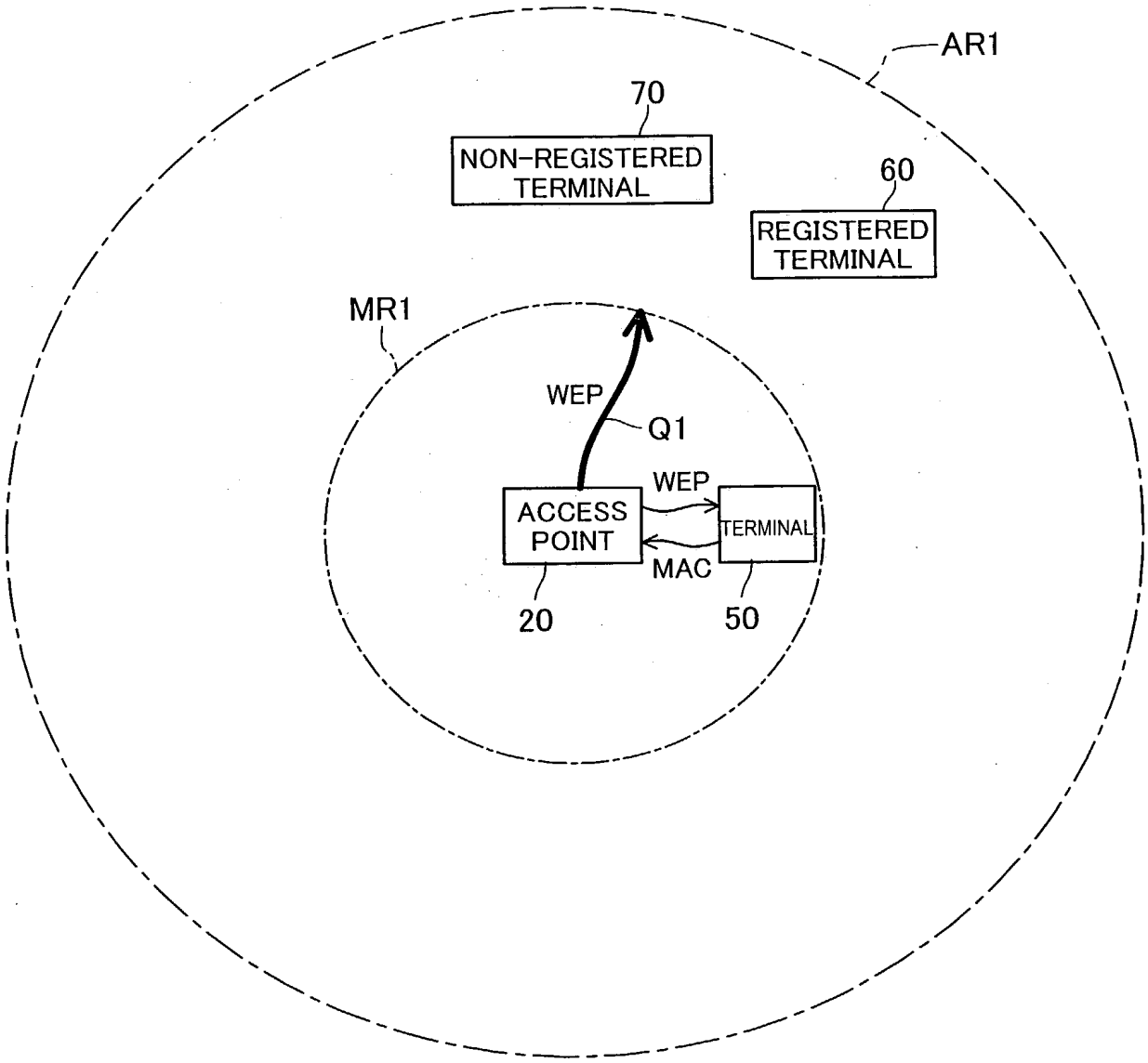
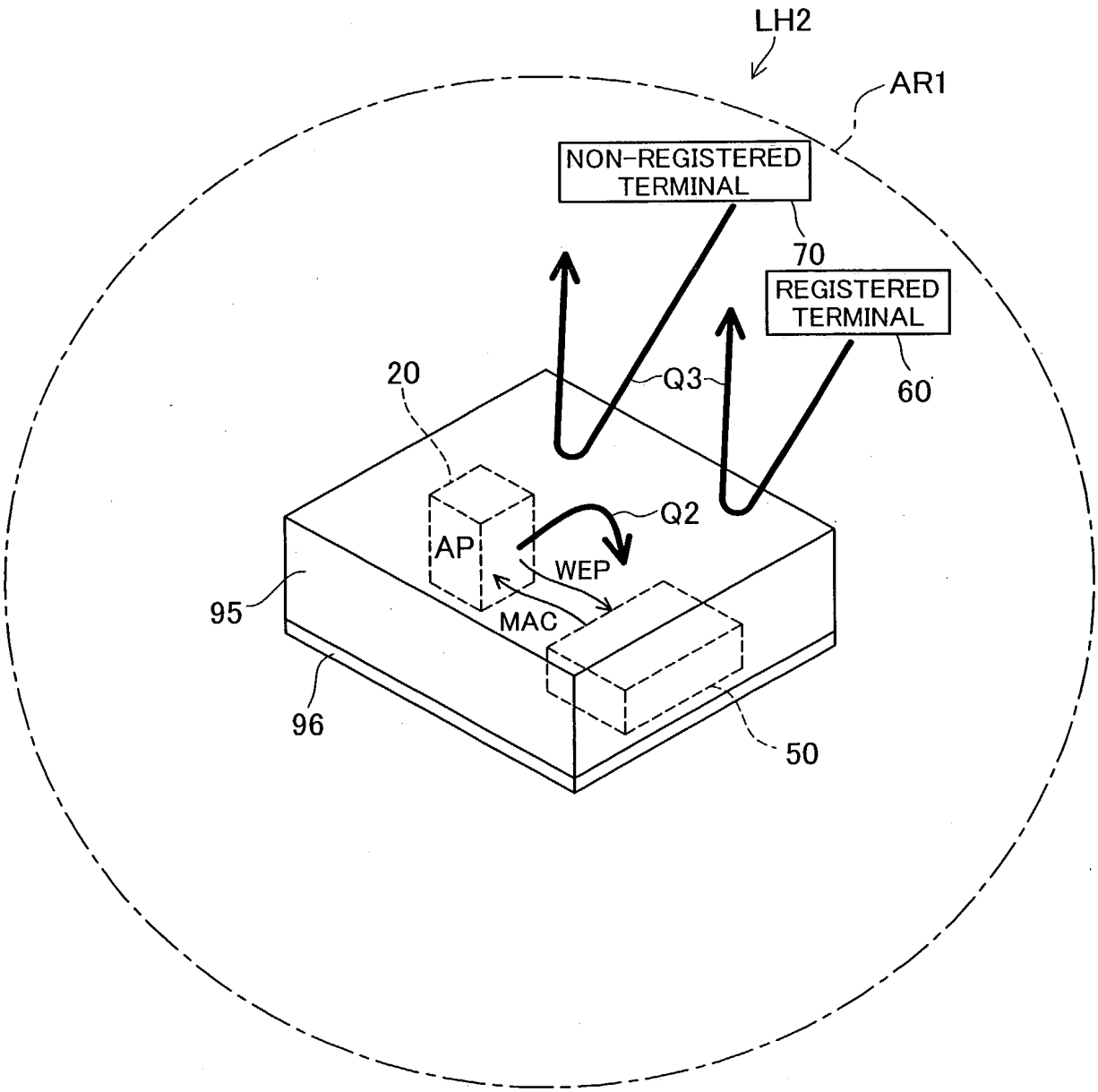

AR1
70
NON-REGISTERED TERMINAL
60
REGISTERED TERMINAL
MR1
WEP
Q1
WEP
ACCESS POINT
TERMINAL
MAC
20
50

Fig.5


LH2
AR1
NON-REGISTERED TERMINAL
70
REGISTERED TERMINAL
60
Q3
20
Q2
AP
WEP
MAC
95
96
50